

# DEFICIENCIES IN QUARTERMASTER'S DEPARTMENT.

## REPORT

FROM THE

## QUARTERMASTER GENERAL,

RELATIVE TO

*Appropriations for deficiencies in army expenditures, &c., &c.*

JANUARY 14, 1858.—Referred to the Committee of Ways and Means and ordered to be printed.

QUARTERMASTER GENERAL'S OFFICE,  
*Washington City, January 12, 1858.*

SIR: I have the honor to submit, in papers marked A, B, and C, the details of the calculations upon which the estimate for deficiencies for the present year, and for the additional force ordered to Utah, is based.

At the close of the fiscal year, on the 30th of June last, there was, in consequence of the greatly extended operations in that year, a deficiency in the appropriations for the quartermaster's department of the following amounts, viz:

On account of regular supplies, consisting of fuel, forage, straw, and stationary, of.....	\$279,377 57
On account of incidental expenses, of.....	129,860 20
On account of barracks and quarters, of.....	67,954 39
On account of army transportation, of.....	751,487 15

Amounting to..... 1,228,679 31

And it was ascertained that for the army, as it was on the 24th of December, 1857, the deficiency for the present year, in addition to that of last year, would be as follows, viz:

For regular supplies.....	\$300,000 00
For incidental expenses.....	60,000 00
For barracks and quarters.....	30,000 00
For mounts and remounts.....	100,000 00

Brought forward.....		\$1,228,679 31
For transportation of troops and supplies, about.....	\$2,000,000 00	
	<hr/>	2,490,000 00
Making the whole deficiency.....		3,718,679 31
See paper marked A.		
To which it is now necessary to add for the increased force ordered to Utah, and to supply supposed losses under the various heads of expenditure as explained in paper marked B, of.....		
	1,400,652 04	
And of the several heads of expenditure explained in paper marked C.....	1,606,580 00	
	<hr/>	3,007,232 04
Making together.....		6,725,911 35
		<hr/>

A large portion of the items on papers B and C are for necessary outfits which, though they must be provided in the present fiscal year, will be used principally in, and, therefore, properly belong to, the next fiscal year.

For several years past our army, though called a "peace establishment," has been, in fact, an army on a war establishment, and necessarily incurring the expenditures of war. The means for the movement of the army already ordered for service in Utah, if brought together and formed in solid column, would extend from this city to Baltimore.

I have the honor to be, sir, your obedient servant,

TH. S. JESUP,  
*Quartermaster General.*

Hon. J. GLANCY JONES,  
*Chairman of Committee of Ways and Means.*

## A.

*Estimate of funds required to meet deficiencies which have accrued in the Quartermaster's Department in the fiscal year ending June 30, 1857, and of additional funds that will be required for the service of the army of the United States to be disbursed through the Quartermaster's Department during the present fiscal year ending June 30, 1858.*

<i>Regular supplies.</i>		
Deficiencies June 30, 1857 -----	\$279,377 57	
Additional for the year ending June 30, 1858 -----	300,000 00	\$579,377 57
<i>Incidental expenses.</i>		
Deficiencies June 30, 1857 -----	129,860 20	
Additional for the year ending June 30, 1858 -----	60,000 00	189,860 20
<i>Mounts and remounts.</i>		
Additional for the year ending June 30, 1858 -----		100,000 00
<i>Transportation of troops and supplies.</i>		
Deficiencies in year ending June 30, 1857 -----	751,487 15	
Additional for the year ending June 30, 1858 -----	2,000,000 00	2,751,487 15
<i>Barracks and quarters.</i>		
Deficiencies in year ending June 30, 1857 -----	67,954 39	
Additional in year ending June 30, 1858 -----	30,000 00	97,954 39
		3,718,679 31

*Remarks explanatory to the foregoing estimate.*

*Regular supplies.*—The expenditures in the fiscal year ending June 30, 1857, were \$1,441,286 32, of which amount \$1,301,728 52 was expended for forage; and the appropriation for the present fiscal year is \$1,200,000 00. There is no reason to suppose that the expenditures this year will be less than those of the last; on the contrary, judging from the fact that \$27,776 40 have already been expended on account of the Utah expedition, and that a further sum of \$21,908 24 will, no doubt, have to be expended to place that expedition in the condition it was when the troops left Fort Leavenworth, both unexpected disbursements when the estimate for this year was made, it is reasonable to suppose that they will be greater, and hence, an appropriation of \$300,000, in addition to the actual deficit on the 30th of June last, (\$279,377 57,) is asked.

*Incidental Expenses.*

The appropriation for the last fiscal year was \$350,000, and the expenditures were \$479,860 20, showing a deficiency of \$129,860 20.

The appropriation for the present fiscal year is \$440,000, and an estimate for \$500,000 has been made for the next fiscal year. It is believed the expenditures of this year will exceed those of the last and be fully equal to those of the next year, and therefore \$60,000 is asked, which will make the appropriation for the present fiscal year equal the estimate for the next.

*Mounts and Remounts.*

\$166,102 50 is the amount that has already been expended in fitting out the Utah expedition and which will be required to replace the horses belonging to the dragoons and artillery that it is presumed will be lost or perish in Utah the present winter. An appropriation of \$190,000 was made for this fiscal year, from which, after deducting the absolute and prospective expenditure on account of the Utah movement, will leave only \$23,897 50 applicable to the purchase of dragoon and artillery horses during the entire year, an amount altogether inadequate. It is thought \$100,000 at least will be required, and an estimate is made accordingly.

*Transportation of troops and supplies.*

The appropriation for the present fiscal year is \$1,800,000, of which amount \$1,768,486 68 is required to cover the expenses already incurred in the transportation of military supplies and the baggage of the troops now in Utah Territory, and which must be incurred to place them in the condition in which they would have been, provided no disasters had befallen them or will befall them this winter, including a sum of \$205,842 05, which will be due the contractors for the transportation of stores when they shall have completed their contract. As these expenditures were not contemplated when the estimates of the year were prepared, they must be provided for now; and it is believed, from the magnitude of the operations that will take place this year in that remote country, and the additional troops to be employed, the sum asked for in addition will be required before the termination of the year.

*Barracks and Quarters.*

To cover the troops operating in Utah and to protect the stores necessary for their use, temporary barracks and storehouses will be required; and \$30,000 is, it is believed, the lowest sum that, with the practice of rigid economy, will effect those objects.

QUARTERMASTER GENERAL'S OFFICE,  
*Washington, December 24, 1857.*

B.

*Estimate and calculations.*

Based upon the supposition that the force to be organized and main-

tained in Utah, including those which are now en route, will consist of the following, say:

2 regiments dragoons or cavalry—1,710 enlisted men and 70 commissioned officers.....	1,780
4 regiments of infantry—3,376 enlisted men and 136 commissioned officers.....	3,512
3 companies horse artillery—258 enlisted men and 12 commissioned officers.....	270
5,344 enlisted and 218 commissioned officers.....	<u>5,562</u>

To supply and maintain the above force in Utah for one year will require:

5,562 rations per day at $2\frac{3}{4}$ pounds, will be 15,295 pounds for each day; for 365 days (one year) will be.....	5,582,675 pounds.
For one year's supply of clothing and camp equipage for 5,344 enlisted men, at 40 pounds per man.....	213,760 “
For quartermaster's stores, to supply the place of those which had been destroyed, and to supply the troops for one year, will probably weigh about.....	500,000 “
For medical and hospital supplies for one year, will probably weigh.....	70,000 “
For ordnance and ordnance stores for 3 batteries of artillery and the infantry and cavalry regiments.....	400,000 “
Total.....	<u>6,766,435 “</u>

The above stores will have to be transported by supply trains. Should they be sent from Fort Leavenworth in May and June, as they should be, it will cost \$1 72 $\frac{1}{2}$  per 100 pounds per 100 miles; calculating the distance at 1,200 miles, \$20 70 per 100 pounds for the whole distance, say for (per contract:)

6,766,435 pounds at \$20 70 per 100 pounds.....	<u>\$1,400,652 05</u>
For subsistence stores.....	1,155,613 72
For clothing and camp equipage.....	44,248 32
For quartermaster's stores.....	103,500 00
For medical and hospital stores.....	14,490 00
For ordnance and ordnance stores.....	82,800 00
Total.....	<u>1,400,652 04</u>

To transport the above stores by ox trains, it will require 1,333 wagons, each loaded with 5,000 pounds of stores. To these must be added 52 wagons (one to each train of 25 wagons) to carry subsistence for the teamsters, means for repairs of wagons, extra chains, yokes, &c.

Cost of 1,385 wagons, at \$190 each.....	\$263,150 00
Cost of six yokes and chains for each, at \$36 each.....	49,860 00
Cost of 1,385 double covers, at \$16 each.....	22,160 00
Wagons complete for the road.....	335,170 00

*Animals.*

16,620 oxen, 12 to each wagon, at \$45 each, \$90 per yoke.....	\$747,900
997 oxen, say six per cent. on the above, to supply the place of those which may give out, be crippled, &c., &c., at \$45 each....	44,865
	792,765 00
Total wagons and oxen.....	1,127,935 00
While preparing and organizing the above trains, it will require about 175 mounted men as herders, say 5 men and mules for each herd of 500 oxen, (35 herds,) and 35 men for camp duty, for at least one month. These must be good and trusty men, and will cost about \$50 each. Say 210 men, at \$50 each.....	10,500 00
It will require agents at Forts Kearney and Laramie, and at some point beyond, say Green river, to take charge of relays to replace broken down and crippled oxen, and of the injured cattle, to repair wagons, &c., say, 5 men at Fort Kearney, 10 men at Fort Laramie, and 5 men at Green river, 20 men for eight months, at \$50 a month.....	8,000 00
16 wheelwrights and blacksmiths at Fort Laramie and Green river, say 8 at each post, for six months, at \$65 a month.....	6,240 00
Each train will require four first class mules for the conductors, and two of the teamsters to herd and guard the animals, say 212 mules, at \$200 each.....	42,400 00
Trains arriving in Utah (at Salt Lake) in September or October cannot return or go on to California where they might probably be disposed of; consequently the cattle must be herded until May following, say for seven months. These will require about 200 mounted men to take care of them, at about \$50 a month, in- cluding all expenses, 200 men for seven months, at \$50 a month.....	42,000 00
The 1,385 wagons should be subdivided into fifty-three trains of 26 wagons each, 25 for public stores, and 1 for men, materials for trains, &c., each train will require 2 train conductors, 1 at \$100, 1 at \$80.....	\$180 00

Twenty-eight teamsters (2 extra) at \$30....	\$840 00	
Rations for thirty men, thirty days, at 30 cents per ration.....	270 00	
Wages, &c., per month.....	1,290 00	
Each train for six months.....	7,740 00	
Making for fifty-three trains.....		\$410,220 00
To arm the teamsters and other employees it will require 1,500 rifles, at one to each man, at \$10 each.....	15,000 00	
And 106 pistols, at \$25 each.....	2,650 00	
		17,650 00
From the foregoing it will appear that to purchase the wagons and teams necessary to transport the supplies which will probably be required, and to pay the wages of the men employed until the stores shall arrive and be disposed of, it will probably take an outlay of this sum, provided no extraordinary reverses occur.		
To these items should be added for fifty-three small medicine chests, the camp equipage, including cooking utensils, extra yokes, chains, smiths' and wheelwrights' tools, materials for repairs, &c., say.....	30,000 00	
Making the total expenditure .....	1,694,945 00	

QUARTERMASTER GENERAL'S OFFICE, *January 12, 1858.*

### C.

#### *Memoranda.*

To enable an infantry regiment to keep the field in Utah Territory, with a supply of subsistence, clothing, camp equipage, ordnance, medical and other stores, will require 85 wagons, with six mule teams.

A dragon or cavalry regiment will require about twenty wagons more, say 105 wagons. A company of horse artillery will require, say twelve wagons.

The increased force of 3,500 men, it is assumed, will consist of two regiments of infantry, one regiment of cavalry, two companies of dragoons, one company of horse artillery, and recruits to fill up the 5th and 10th infantry, the eight companies of dragoons, and the two batteries of horse artillery, now in Utah.

To move the above, with a moderate supply of clothing, (say six to eight months,) subsistence to reach Fort Kearney, there to be supplied to Laramie, &c., forage the same, medical and other stores, will require, say :

- 170 wagons for two regiments of infantry.
- 65 wagons for recruits for infantry.
- 105 wagons for one regiment of cavalry.
- 20 wagons for two companies of dragoons.
- 20 wagons for dragoon and artillery recruits.
- 20 wagons for general, staff and hospital purposes.

400 wagons, with six mules each.

These wagons will cost, fully to equip them for service, and for hire of teamsters, wagon masters, &c., as follows:

400 wagons, complete, at \$190.....	\$76,000 00	
2,400 mules for teams, at \$170.....	408,000 00	
100 mules for the saddle, at \$200.....	20,000 00	
2,400 sets of harness, at \$10.....	24,000 00	
16 travelling forges, at \$200.....	3,200 00	
96 mules for forges, at \$170.....	16,320 00	
96 sets of harness, at \$10.....	960 00	
		\$548,480 00
16 wagon masters, at \$80.....	1,280 00	
16 assistant wagon-masters, at \$60...	960 00	
450 teamsters, at \$30.....	13,500 00	
16 wheelwrights, at \$60.....	960 00	
16 blacksmiths, at \$60.....	960 00	
6 harness makers, at \$60 .....	360 00	
Wages per month.....	18,020 00	
For one year.....		216,240 00
For repairs, material, mule shoes, tools, &c.....	20,000 00	
For 260 mules (10 per cent.) to replace those which may break down, die, or be lost, at \$170 .....	44,200 00	
		64,200 00

*Transportation of forage.*

Six months supply of corn for 1,000 horses at half rations (6 pounds a day) weighs 1,095,000 pounds, to place which at Fort Kearney will cost $4\frac{1}{2}$ cents per pound, average, in April, May, June, and July	49,275 00
Same quantity to be sent to Fort Laramie will cost during the same period, at 9 cents per pound.....	98,550 00
Same quantity to be sent to Salt Lake, Utah, during the same period will cost, at $20\frac{7}{10}$ cents per pound.....	226,665 00
Total, 3,285,000 pounds, or $58,660\frac{5}{7}$ bushels of corn to Kearney, Laramie, and Utah.....	374,490 00

Transportation of subsistence to Fort Kearney for troops and employés en route to Utah, say for 4,000 men, 25 days, at $2\frac{3}{4}$ pounds to the ration = 275,000 pounds, at $4\frac{1}{2}$ cents per pound.....	\$12,375 00	
Transportation of same for same number of troops, &c., for 40 days, to Fort Laramie, for same purpose, at 9 cents per pound.....	39,600 00	
	<hr/>	\$426,465 00

*Forage.*

Corn for 2,700 mules for one year, at 6 pounds per day, at 2 cents per pound...	118,260 00	
Hay for 2,700 mules for one year, 6 pounds per day, at $\frac{1}{2}$ cent per pound.....	29,565 00	
<i>Note.</i> —The forage is calculated at Fort Leavenworth prices; its actual cost will depend upon how far it is transported for use. This is estimated under the head of transportation of troops and supplies.		
Corn for 250 horses of the 2d dragoons, and the same of the 1st cavalry, being the additional number (over sixty) allowed, and estimated for 100 horses for additional company of horse artillery, say for 600 horses, at 10 pounds per day at 2 cents per pound.....	\$43,800 00	
Hay, 6 pounds per day, at $\frac{1}{2}$ a cent per pound.....	6,570 00	
	<hr/>	50,370 00
		<hr/>
		198,195 00

*Mounts and remounts.*

It will probably require 400 horses for the 1st cavalry, to replace those which are unserviceable and to increase the number to the maximum organization of 85 to a company; 100 to equip an additional company of horse artillery, and about 400 to meet contingencies of the service—say 900 horses, at \$170.....		
		153,000 00
		<hr/>
		1,606,580 00
		<hr/>

QUARTERMASTER GENERAL'S OFFICE, January 12, 1858.

QUARTERMASTER GENERAL'S OFFICE,  
Washington, January 6, 1858.

SIR: As I had occasion to state in my annual report, dated 21st of November, that large appropriations would be required for deficiencies in the present year on account of transportation and other army expenditures made by the laws and regulations through the quartermaster's department, I have made a thorough investigation of all the business, as well as military operations of the department, and have found that from the vast extent of those operations, the deficiency to be supplied is greater than I had believed it would be at the date of my report.

It is ascertained that a deficiency existed at the close of last year, which has been a charge upon the present year of about one million of dollars; in addition to which the extensive operations against the Cheyennes and other Indian tribes, and the extensive arrangements for the operations in Utah, have exhausted the appropriations for the present year so far that there is not a sufficient balance in the treasury to fill the estimates now on my table for December; and the whole balance in the hands of disbursing officers will not be sufficient for the service for one half of the present month. Appropriations will therefore be required to carry the service through the year, and to make the large outfit for the operations in Utah for the following objects, viz:

For regular supplies, including fuel, forage, straw, and stationery.....	\$778,000
Mounts and remounts.....	252,000
Incidental expenses.....	190,000
Barracks and quarters.....	80,000
Army transportation.....	5,400,000

Making.....	6,700,000
-------------	-----------

deficiencies, and for the service in Utah, taking the army as it is, and limiting the expenditures to operations already determined on, as they have been communicated to me.

Should operations be carried on from the Pacific, or should a larger force be sent from this side, an increase in the appropriation in proportion to the increased force will be required.

I will have all the details ready to submit to you, so soon as they can be fairly copied, which make the several aggregate amounts above stated to be necessary.

I have the honor to be, sir, very respectfully, your obedient servant,

TH. S. JESSUP,

*Quartermaster General.*

Hon. J. B. FLOYD,

*Secretary of War, Washington, D. C.*